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2004 MIS Conference Agenda
Renaissance Portsmouth Hotel
425 Water Street
Portsmouth, VA 23704
Front Desk Phone: (757) 673-3000
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	Wednesday, February 25, 2004	

7:30 – 5:00	**Registration Table Open**	Portsmouth Ballroom Foyer
7:30 – 8:30	**Continental Breakfast**	Holley Ballroom
7:30 – 5:00	**Cyber Café and Demonstrations Open** (This room will be closed during the Opening Session.)	Holley Ballroom
8:30 – 10:00	**Opening Session**	Portsmouth Ballroom IV-V

Virginia Welcome
Bethann Canada, Virginia Department of Education

The Pledge of Allegiance led by Gabrielle Dickson
of John Tyler Elementary School

Musical Selections by the John Tyler Elementary Chorus
Marie F. Weber, Choral Director
Gwendolyn B. Taylor, Accompanist

David Stuckwisch, Superintendent of Portsmouth City Schools

NCES Welcome and Speaker
Lee Hoffman, National Center for Education Statistics

Robert Lerner
Commissioner of the National Center for Education Statistics

Introduction of Keynote Speaker
Bethann Canada, Virginia Department of Education

Keynote Address
From Data to Knowledge—Know It, Use It
Sheree T. Speakman

Announcements
David Uhlig, Charlottesville City Public Schools

10:00 – 10:15	Coffee Break	Holley Ballroom

10:15 – 11:15   **Concurrent Session I**

I-A   Time-Saving Tools in Grant Management   Portsmouth Ballroom I-III
Automation (Part I)
Dennis Powell and Scott Norton
Illinois State Board of Education
Brent Morgan, The Innovation Group/MTW

I-B   A High School Course Classification System   Portsmouth Ballroom VII-VIII
Denise Bradby and Rosio Bugarin, MPR Associates
Andy Rogers, Education Statistics Services Institute

I-C   Virginia's Educational Information   Case Study Amphitheater
Management System
April Blunt, Virginia Department of Education
Brian Farmer and Linda Tjaden
Pearson Educational Measurement

I-D   Performance-Based Data Management Initiative Update: Lee
Moving Toward EDEN
Hugh Walkup, U.S. Department of Education

I-E   MI-Plan: Michigan's Web-Based School Improvement Planning   Madison
and Implementation Tool
Andrew Henry, Michigan Department of Education
Joe Clark, MGT of America

I-F   XML Data Models and Standards for Accountability   Washington
Marsha Lamb and Thomas Vreeland, OpenVES
Paul O'Brien, Southern Berkshire Regional School District

11:15 – 11:30   Break

11:30 – 12:30   **Concurrent Session II**

II-A   Time-Saving Tools in Grant Management   Portsmouth Ballroom I-III
Automation (Part II)
Dennis Powell and Scott Norton
Illinois State Board of Education
Brent Morgan, The Innovation Group/MTW

II-B   Static Analysis in the Age of Real Time   Portsmouth Ballroom VII-VIII
William Murphy
Pennsylvania Department of Education

II-C	An Overview of Virginia's Web-Based Standards of Learning (SOL) Technology Initiative *Sarah Susbury and Ellen Kozlowski* *Virginia Department of Education*	Case Study Amphitheater

II-D Demonstration of the PBDMI Pilot Decision Support System   Lee
Database and Data Presentation Tools
Barbara Timm, U.S. Department of Education
Linda Merchlinsky, Science Applications International Corporation

II-E ePLAN…Because School Improvement is a Planned Process   Madison
Joe Clark, MGT of America
Andrew Henry, Michigan Department of Education

II-F The School Information Partnership   Washington
Jackie Lain and Jonathan Jacobson
Standard & Poor's School Evaluation Services

12:30 – 1:45 **Lunch on your own**

1:45 – 2:45 **Concurrent Session III**

III-A Building Statewide Information Systems: Portsmouth Ballroom VII-VIII
What Works! What Doesn't Work!
Robert Friedman, Consultant

III-B Involving Local School Districts to Ensure   Case Study Amphitheater
Successful Implementation of Projects
Janet Christopher, Virginia Department of Education
Laura Robinson, Fairfax County Public Schools
Dennis Nissley, Albemarle County Public Schools
Brett Brickey, Virginia Beach City Public Schools

III-C PBDMI State Data Submission Process Lessons Learned   Lee
Linda Merchlinsky, Science Applications International Corporation
Barbara Timm, U.S. Department of Education

III-D Title I Allocations   Madison
William Sonnenberg, National Center for Education Statistics

III-E Best Practices in SIF Vertical Reporting   Washington
Judith Barnett, Central Susquehanna Intermediate Unit

2:45 – 3:00 Soda and Snack Break   Holley Ballroom

3:00 – 4:00   **Concurrent Session IV**

    IV-A   Using Data Mining Methods with Standardized   Portsmouth Ballroom I-III
Test Scores
Steve Gabrielson, Georgia Department of Education

    IV-B   Journal Notes From Our SEA to SEA Travels   Portsmouth Ballroom VII-VIII
Glynn Ligon and Barbara Clements
ESP Solutions Group

    IV-C   A Demonstration of Web-Based High Stakes   Case Study Amphitheater
Testing in Virginia Using eMeasurement Services[TM]
Sarah Susbury and Ellen Kozlowski
Virginia Department of Education

    IV-D   PBDMI DSS Data Quality Analysis Results and Plans   Lee
Jim Lair, The Center for Data Quality
Patrick Sherrill and Barbara Timm, U.S. Department of Education

    IV-E   CCD Coordinator Session   Madison
John Sietsema and Lee Hoffman
National Center for Education Statistics
Terri Kennerly, Julia Naum, Dell Gray,
and Jane Thomas, U.S. Census Bureau

    IV-F   Beyond Theory: A State Reporting System Using SIF (Part I)   Washington
Gay Sherman and Aziz Elia
Computer Power Solutions of Illinois
Judith Barnett, Central Susquehanna Intermediate Unit

4:00 – 4:15   Break

4:15 – 5:15   **Concurrent Session V**

    V-A   Statewide IT and PD Systems in Delaware: Portsmouth Ballroom I-III
Supporting Data-Driven Instructional
and School Improvement
Tommy Tao and Theresa Kough
Delaware Department of Education
Dennis Loftus and Doug Archbald
University of Delaware

    V-B   Decision Support Systems: Essential   Portsmouth Ballroom VII-VIII
Elements – Necessary Tools – Project Management Issues
Shara Bunis, Accent on IT
Nancy Smith, N.J. Smith and Associates

V-C   Come Learn From Our Experience! Virginia's   Case Study Amphitheater
Ground Breaking Student Record Collection
Initiative for NCLB
Susan Williams, Mona Mallory, April Blunt, and Robyn Lacks
Virginia Department of Education

V-D   One-ED, PBDMI, and Transforming the Internal ED Information   Lee
Management Organization
Stephen Fletcher, U.S. Department of Education

V-E   The NCES Handbook Database: Making Sense of   Madison
Data Elements, Entities, and Domains
Lee Hoffman, National Center for Education Statistics
Mary Anne Kirkland, Council of Chief State School Officers
Vicente Paredes, ESP Solutions Group

V-F   Beyond Theory: A State Reporting System Using SIF (Part II)   Washington
Gay Sherman and Aziz Elia
Computer Power Solutions of Illinois
Judith Barnett, Central Susquehanna Intermediate Unit

7:30 – 5:00	**Registration Table Open**	Portsmouth Ballroom Foyer
7:30 – 8:30	**Continental Breakfast**	Holley Ballroom
7:30 – 5:00	**Cyber Café and Demonstrations Open**	Holley Ballroom

(This room will be closed during the General Session.)

8:30 – 9:45   **General Session**   Portsmouth Ballroom IV-V

Welcome Back
Bethann Canada, Virginia Department of Education

Address from the Virginia Department of Education
Lan Neugent, Assistant Superintendent for Technology
Jo Lynne DeMary, Superintendent of Public Instruction

Roll Call of the States
Lee Hoffman, National Center for Education Statistics

Announcements
David Uhlig, Charlottesville City Public Schools

9:45 – 10:00   Coffee Break   Holley Ballroom

10:00 – 11:00   **Concurrent Session VI**

VI-A   CNMI Web Site Data System   Portsmouth Ballroom I-III
William Matson, CNMI Public School System

VI-B   Data: It's Not Just for Reporting Anymore!   Portsmouth Ballroom VII-VIII
Pam Simmons-Whitley and Laura Coe
Guilford County School District
Ron Streeter, eScholar

VI-C   Virginia's Web-Based SOL Technology Initiative: Case Study Amphitheater
A "Proof of Concept" Procurement
Sarah Susbury and Ellen Kozlowski
Virginia Department of Education

VI-D   Creating a Network for Data: The Integration of   Lee
the Quality School Portfolio (QSP) and the Performance-Based
Data Management Initiative (PBDMI)
Raymond Yeagley, Rochester School Department
Margaret Heritage, National Center for
Research on Evaluation, Standards
and Student Testing, UCLA

V-C　　　　Come Learn From Our Experience! Virginia's　　　Case Study Amphitheater
　　　　　　Ground Breaking Student Record Collection
　　　　　　Initiative for NCLB
　　　　　　Susan Williams, Mona Mallory, April Blunt, and Robyn Lacks
　　　　　　Virginia Department of Education

V-D　　　　One-ED, PBDMI, and Transforming the Internal ED Information　　　Lee
　　　　　　Management Organization
　　　　　　Stephen Fletcher, U.S. Department of Education

V-E　　　　The NCES Handbook Database: Making Sense of　　　Madison
　　　　　　Data Elements, Entities, and Domains
　　　　　　Lee Hoffman, National Center for Education Statistics
　　　　　　Mary Anne Kirkland, Council of Chief State School Officers
　　　　　　Vicente Paredes, ESP Solutions Group

V-F　　　　Beyond Theory: A State Reporting System Using SIF (Part II)　　　Washington
　　　　　　Gay Sherman and Aziz Elia
　　　　　　Computer Power Solutions of Illinois
　　　　　　Judith Barnett, Central Susquehanna Intermediate Unit

1:30 – 2:30	**Concurrent Session VIII**	
VIII-A	Oregon's P-16 Integrated Student Data System (Part I)	Portsmouth Ballroom I-III
	Doug Kosty, Gary Ellwanger, and Brian Reeder	
	Oregon Department of Education	
VIII-B	Putting the Data Together to Drive Change	Portsmouth Ballroom VII-VIII
	Christine Caudullo	
	National Center for Educational Accountability	
VIII-C	The Technical Concepts and Requirements of Implementing a Web-Based, High Stakes State Assessment Program	Case Study Amphitheater
	Sarah Susbury and Ellen Kozlowski	
	Virginia Department of Education	
VIII-D	Discussion About Data Quality Analysis Activities in the States	Lee
	Jim Lair and Jeff Averick, The Center for Data Quality	
	Dennis Powell, Illinois State Board of Education	
	Tom Ogle, Missouri Department of Elementary	
	and Secondary Education	
VIII-E	Census School District Special Tabulation (Part I)	Madison
	Tai Phan, National Center for Education Statistics	
	Joseph Collins, Pinkerton Computer Consultants	
	Douglas Geverdt, U.S. Census Bureau	
VIII-F	Filling the Gap with Data-Using Data on a Daily Basis	Washington
	Leigh Burgess, Lakota Local School District	
2:30 – 2:45	Soda and Snack Break	
2:45 – 3:45	**Concurrent Session IX**	
IX-A	Oregon's P-16 Integrated Student Data System (Part II)	Portsmouth Ballroom I-III
	Doug Kosty, Gary Ellwanger, and Brian Reeder	
	Oregon Department of Education	
IX-B	National Rates, National Issues	Portsmouth Ballroom VII-VIII
	Bobby Franklin	
	Louisiana Department of Education	
IX-C	Data Quality and Integrity	Case Study Amphitheater
	Brett Brickey, Virginia Beach City Public Schools	

IX-D	Proposed Data Elements for PBDMI Phase II State Site Visits *Barbara Clements, ESP Solutions Group*	Lee
IX-E	Census School District Special Tabulation (Part II) *Tai Phan, National Center for Education Statistics* *Joseph Collins, Pinkerton Computer Consultants* *Douglas Geverdt, U.S. Census Bureau*	Madison
IX-F	Managing Assessment Data to Improve Teacher Effectiveness and to Document Student Achievement *Nancy Staub and Tom McCurdy, Pinckney Community Schools*	Washington

3:45 – 4:00   Break

4:00 – 5:00   **Concurrent Session X**

X-A	New York State Web-Based Data Collection *Ronald Danforth and James Harrison* *New York State Education Department*	Portsmouth Ballroom I-III
X-B	Every Student Counts – Do They Have an Account? Automated Account Management Using SIF *Gay Sherman and Aziz Elia* *Computer Power Solutions of Illinois* *Ralph Starr, School District of Indian River County*	Portsmouth Ballroom VII-VIII
X-C	Bureaucracy Vs. The Paper-Less School District: Providing Stakeholder Services on Your Intranet *John Littlefield, Suffolk Public Schools*	Case Study Amphitheater
X-D	Data Availability and Other Data Issues in PBDMI Phase II *Glynn Ligon, ESP Solutions Group*	Lee
X-E	The International Classification of Functioning and Development of an Early Intervention Data Handbook *Scott Campbell Brown, U.S. Department of Education*	Madison
X-F	Determining the Elementary School Teacher-of-Record: The Process and Benefits of NCLB Reporting *Bruce Hislop, Howard County Public Schools* *Eugene Adcock, Len Winkler, Dale Wilkerson,* *Eric Griffith, and Lisa Henderson* *Prince George's County Public Schools*	Washington

7:30 – 12:00	**Registration Table Open**	Portsmouth Ballroom Foyer
7:30 – 8:30	**Continental Breakfast**	Holley Ballroom
7:30 – 10:00	**Cyber Café Open** (This room will close at 10:00 a.m.)	Holley Ballroom
8:30 – 9:30	**Concurrent Session XI**	

XI-A   Data for Student Improvement OR Data for   Portsmouth Ballroom I-III
Accountability? New York's Plan To Do Both!
(Part I)
Thomas Ruller, New York State Education Department
Peter Rooney, New York State Regional Information Centers
Jenine Wech, Wayne-Finger Lakes BOCES
Jenifer Gilson, Erie 1 BOCES

XI-B   SIF: Supporting Multiple Zones and   Portsmouth Ballroom VII-VIII
ZIS-to-ZIS Communications for Vertical Reporting
David Frankson and Charlie Kratsch, Infinite Campus
Jolene Brakke, South Dakota Department of Education

XI-C   SOL Online Part I: Building a Standardized   Case Study Amphitheater
Online Testing System for Your Schools
Christopher Baugh, Suffolk Public Schools

XI-D   Lessons Learned in the DSS Pilot Test   Lee
Dennis Powell, Illinois State Board of Education
Bob Beecham, Nebraska Department of Education
Lee Tack, Iowa Department of Education
David Hanzlik, Virginia Department of Education

XI-E   District Wide Instruction Management System Solution   Washington
Vincent DeTolla, School District of Philadelphia

9:30 – 9:45   Coffee Break

9:45 – 10:45   **Concurrent Session XII**

XII-A   Data for Student Improvement OR Data   Portsmouth Ballroom I-III
for Accountability? New York's Plan To Do Both!
(Part II)
Thomas Ruller, New York State Education Department
Peter Rooney, New York State Regional Information Centers
Jenine Wech, Wayne-Finger Lakes BOCES
Jenifer Gilson, Erie 1 BOCES

XII-B   SIF: Vertical Integration From   Portsmouth Ballroom VII-VIII
District to State
John Jackson, Delaware Department of Education
Mark Ward, Computer Power Solutions of Illinois
Kevin Pierce, PCS Revenue Control Systems
Wendy Riedy, Sungard Pentamation

XII-C   Data Warehousing, Making a Difference   Case Study Amphitheater
in Improving Schools
William Flaherty, Hanover County Public Schools
Sarah Susbury, Virginia Department of Education

XII-D   PBDMI 2004 Schedule — Discussion and Feedback (Part I)   Lee
Patrick Sherrill, U.S. Department of Education

XII-E   Data Architecture to Support Learner–   Madison
Centered Decisions and School Reform
Joe Simpson, Council of Chief State School Officers
John Phillipo, CELT Corporation
Dale Mann, Interactive

XII-F   Designing a Data Warehousing System   Washington
Elbert Yaworsky, Pittsburgh Public Schools

10:45 – 11:00   Break

11:00 – 12:00   **Concurrent Session XIII**

    XIII-A   1, 2, 3, 4…Wisconsin Counts Every Student –   Portsmouth Ballroom I-III
               A Comprehensive Pupil Count Application
               Donna Carlson
               Wisconsin Department of Public Instruction

    XIII-B   SOL Online Part II: Work Smart,   Case Study Amphitheater
               Not Hard…Accountability, Decision Making,
               and Online Recordkeeping
               Christopher Baugh, Suffolk Public Schools

    XIII-C   PBDMI 2004 Schedule — Discussion and Feedback (Part II)   Lee
               Patrick Sherrill, U.S. Department of Education

    XIII-D   Indicators, Formats, and Methods Oh My!   Madison
               A Look at the Evolution of 50-State Reporting
               Andra Williams and Tara McLarnon
               Council of Chief State School Officers

Keynote Speech

From Data to Knowledge—Know It, Use It

Sheree T. Speakman

A speaker on performance management, accountability policy, and resource reallocation in spending, Ms. Speakman works with state governors, senior policy advisors, and federal officials on topics related to performance management in the classroom, data warehousing, online testing and assessment strategies, state and school report cards, and information-driven decision making in public education.

Serving as a Vice President at EDmin.com, Inc., Sheree Speakman was responsible for the executive management of the State of New Mexico's Edmin/Fox River Learning which has been underway since 2001 and is a statewide pilot under Governor Richardson to bring Performance-Based Program Budgeting to New Mexico schools and school districts.

She is an authority on information-driven decision making, performance management, and school finance for K-12 education. As President of Fox River Learning, she led Fox River's focus in policy and practice consulting that focused on the valid measurement and use of costs and learning gains in school districts and states.

Ms. Speakman is a leader in establishing expenditure benchmarking guidelines for instructional and non-instructional practices in education. She led the design, system development and release of In$ite®, a commercially available software product for district and school-level presentation and analysis of school finance. Coopers and Lybrand released this product nationally in partnership with the U.S. Chamber of Commerce in Washington, DC.

She was a member of the National Commission on Governing America's Schools that released its final report in November 1999. The Commission's work set high standards of performance as the top priority in K-12 education and examined the policy role of school boards toward this goal.

Session Descriptions

CONCURRENT SESSION I
10:15 – 11:15

Time-Saving Tools in Grant Management Automation (Part I)

Session I-A   **Portsmouth Ballroom I-III**

Dennis Powell and Scott Norton, *Illinois State Board of Education*
Brent Morgan, *The Innovation Group/MTW*

The Illinois State Board of Education (ISBE) recently implemented a new eGrant Management System (eGMS) that combines the strengths of form design and workflow management tools while being responsive to reporting needs. Within this system, two unique tools are utilized by program-oriented staff to quickly design and publish grant applications to the web with minimal involvement from IT staff. During this workshop, eGMS authors will detail the system architecture, demonstrate the tools that were developed, and describe the benefits ISBE is realizing.

A High School Course Classification System

Session I-B   **Portsmouth Ballroom VII-VIII**

Denise Bradby and Rosio Bugarin, *MPR Associates*
Andy Rogers, *Education Statistics Services Institute*

The National Center for Education Statistics (NCES) has contracted MPR to develop a course classification system that allows schools, school districts and states to assign codes to courses and to transfer students' course information from one school to another. Additionally, NCES and other federal agencies could use the system when they collect, examine and analyze student transcripts for such studies as the National Assessment of Educational Progress and the National Education Longitudinal Study.

The session will present a course code structure to the audience and request feedback to assist MPR in determining the viability of the proposed system.

Session Descriptions

Virginia's Educational Information Management System

Session I-C   **Case Study Amphitheater**

April Blunt, *Virginia Department of Education*
Brian Farmer and Linda Tjaden, *Pearson Educational Measurement*

This session will highlight the Virginia Department of Education (VA DOE)'s "Education Information Management System" (EIMS). VA DOE recently awarded a contract to implement a system to create a unique student testing identifier and provide decision support tools to schools, districts, and state DOE stakeholders. A key feature will be Adequate Yearly Progress (AYP) and ad-hoc reporting features. The session will look at the DOE's planning methods, the application, and the implementation plans.

Performance-Based Data Management Initiative Update: Moving Toward EDEN

Session I-D   **Lee**

Hugh Walkup, *U.S. Department of Education*

The Performance-Based Data Management Initiative (PBDMI) has had extraordinary success in 2003. This session will summarize the PBDMI milestones met and lessons learned over the past year working with the states to identify and transmit quality education data between the states and the U.S. Department of Education. Dr. Walkup will also detail the major events scheduled for 2004 to establish the Education Data Exchange Network (EDEN) and provide a quick overview of the other PBDMI sessions in which you may gain greater detail on some of the specific activities of 2003 and 2004.

MI-Plan: Michigan's Web-Based School Improvement Planning and Implementation Tool

Session I-E   **Madison**

Andrew Henry, *Michigan Department of Education*
Joe Clark, *MGT of America*

NCLB legislation has made the effective utilization of technology a necessity for performance and accountability standards. The State of Michigan has been at the forefront of this process. MI-Plan is a statewide mechanism for streamlining school improvement, ensuring maximum coordination of efforts and resources through a Web-based approach. MI-Plan brings together critical planning components of people, resources, and data into a single environment that produces data-derived, research-based and goal-oriented decisions for improving student learning. In this presentation attendees will learn the details of MI-Plan and how their state can benefit from proven technology in the school improvement process.

Session Descriptions

XML Data Models and Standards for Accountability

Session I-F   **Washington**

Marsha Lamb and Thomas Vreeland, *OpenVES*
Paul O'Brien, *Southern Berkshire Regional School District*

This workshop is predicated on the idea that investing in school technology and communications infrastructure without providing the tools and capabilities for eLearning, while important, is not enough; that documenting the state learning standards without enabling classroom teachers with the tools they need to implement them in the classroom context, while important, is not enough; and that NCLB reporting and more high stakes testing without fundamentally changing classroom practice will never be enough. What is needed are statewide eLearning platforms, tools, and resources, which can be made available freely for every teacher and student. What is needed are the missing teacher tools for education reform, which will help bridge the digital divide and help teachers transform teaching and learning, day by day, one classroom at a time.

We will show end-to-end, bottom-to-top, accountability and NCLB reporting tools that START by transforming classroom practice. We will show what it looks like when teachers and students have access to data-driven decision making tools in their classrooms. We will show the value added by online competency and achievement profiles, digital portfolios, individualized learning plans, criterion referenced item banks, and online classroom assessment tools for teachers.

Session Descriptions

CONCURRENT SESSION II
11:30 – 12:30

Time-Saving Tools in Grant Management Automation (Part II)

Session II-A   **Portsmouth Ballroom I-III**

See Session Description I-A

Static Analysis in the Age of Real Time

Session II-B   **Portsmouth Ballroom VII-VIII**

William Murphy, *Pennsylvania Department of Education*

The dominant trend is to create data systems with reports based on up-to-the-nanosecond data. Data for legislation and funding remain tied to fiscal year reports. Once frozen into place, these data will change only at the peril of the analyst. Extracting real time data for the purpose of setting up fixed static data for analysis and reporting can be done by creating SPSS data sets by query of the host system. Once fixed, results will be consistent for the time period. A number of techniques for creating and defining such data sets will be shown.

An Overview of Virginia's Web-Based Standards of Learning (SOL) Technology Initiative

Session II-C   **Case Study Amphitheater**

Sarah Susbury and Ellen Kozlowski, *Virginia Department of Education*

Virginia's Web-based SOL Technology Initiative is a statewide project to improve student achievement across the Commonwealth using technology resources. The project includes the development of technical infrastructure and high-speed Internet connectivity in all school divisions to be used for instruction and for the online delivery of the state's high stakes assessment program. A brief history of the project will be presented along with specific information on project milestones such as Architectural Guidelines, School Readiness Certification, and Online Standards of Learning Testing. Critical success factors will be presented along with the current status and future plans for the initiative.

Session Descriptions

Demonstration of the PBDMI Pilot Decision Support System Database and Data Presentation Tools

Session II-D   **Lee**

Barbara Timm, *U.S. Department of Education*
Linda Merchlinsky, *Science Applications International Corporation*

The Performance-Based Data Management Initiative (PBDMI) Phase I data are in (from 50 of 52 states). The PBDMI data analysis and data presentation tools are being developed for the pilot Decision Support System (DSS) and we are ready to share the Educational Unit Profile and selected report designs with you for your insights and suggestions. This session will present a short overview of how this shared U.S. Department of Education data repository was developed and loaded with the state data. Most of the session will be devoted to reviewing the design of the analytical and presentation tools and the data that will be available to federal elementary and secondary education program managers and analysts.

ePLAN…Because School Improvement is a Planned Process

Session II-E   **Madison**

Joe Clark, *MGT of America*
Andrew Henry, *Michigan Department of Education*

ePLAN is a web-based continuous school improvement planning and implementation tool that can save schools valuable time and resources. The ePLAN system effectively brings together critical planning components of people, resources, data and information into a single environment that produces data-derived, research-based and goal-oriented decisions for improving student learning. ePLAN is a software mechanism used for streamlining a school's improvement process.

The School Information Partnership

Session II-F   **Washington**

Jackie Lain and Jonathan Jacobson, *Standard & Poor's School Evaluation Services*

This session will explain the data models delivered by The School Information Partnership (SIP), a public-private partnership created to provide a robust set of analytical tools to help parents, educators and policymakers use education data to inform their decisions. The SIP has two phases: Phase I is the creation of a public web site that displays all state available No Child Left Behind data with a suite of analytical tools from Standard & Poor's School Evaluation Services (SES) and Just for the Kids. Phase II provides more academic, financial and demographic data and in-depth analysis through SES to all states, along with support services to help education decision makers use data to address managerial and policy issues.

Session Descriptions

CONCURRENT SESSION III
1:45 – 2:45

Building Statewide Information Systems: What Works! What Doesn't Work!

Session III-A   **Portsmouth Ballroom VII-VIII**

Robert Friedman, *Consultant*

Over the last twenty years, the presenter has led three statewide information systems initiatives implemented in response to state and national requirements for more comprehensive data about schools, staff, students, and programs. These experiences are summarized and conclusions are made about crucial factors for success, or the lack thereof. The presentation stresses the distinction between building "state" versus "statewide" information systems and the resulting differences in focus and orientation.

Involving Local School Districts to Ensure Successful Implementation of Projects

Session III-B   **Case Study Amphitheater**

Janet Christopher, *Virginia Department of Education*
Laura Robinson, *Fairfax County Public Schools*
Dennis Nissley, *Albemarle County Public Schools*
Brett Brickey, *Virginia Beach City Public Schools*

The Virginia Department of Education has organized a Student Information Advisory Group (SIAG) made up of state data staff and staff from the local districts who are responsible for submitting state reports. This presentation will describe the development of SIAG and its strategies. Discussion will focus on ways that both the state and local districts have benefited from the organization of this group. Presenters will share their experiences, the challenges they have faced, and the lessons they have learned.

PBDMI State Data Submission Process Lessons Learned

Session III-C   **Lee**

Linda Merchlinsky, *Science Applications International Corporation*
Barbara Timm, *U.S. Department of Education*

The recently completed pilot Decision Support System (DSS) provided the Performance-Based Data Management Initiative (PBDMI) with significant insights into providing data transmission instructions to the states, developing and articulating file formats for data transmission, the strengths and weaknesses of established software, the production capacities of hardware configurations, and the many requirements of good customer support services. This session will discuss what needs to change and what needs to remain the same as the pilot DSS becomes the Education Data Exchange Network in 2004.

Session Descriptions

Title I Allocations

Session III-D   **Madison**

William Sonnenberg, *National Center for Education Statistics*

Title I of No Child Left Behind is the largest single distribution of funds to elementary-secondary education by the federal government ($12.2 billion). This presentation describes the data and formulas used to determine the Title I allocations to each school district. It will illustrate how the law has changed over time, and provide insight into the policy reasons for the formulas used. It will also provide interesting comparisons and contrasts of various districts' and states' allocation amounts and focus on the use and importance of the National Center for Education Statistics data in the calculations.

Best Practices in SIF Vertical Reporting

Session III-E   **Washington**

Judith Barnett, *Central Susquehanna Intermediate Unit*

The Schools Interoperability Framework has been addressing the issues related to "vertical reporting" – the movement of data from school districts to state departments of education and ultimately to the U.S. Department of Education. The SIF specification version 1.5 contains new objects designed for vertical reporting. Learn the best practices for using these objects, and what needs to be in place to ensure success.

Session Descriptions

CONCURRENT SESSION IV
3:00 – 4:00

Using Data Mining Methods with Standardized Test Scores

Session IV-A   **Portsmouth Ballroom I-III**

Steve Gabrielson, *Georgia Department of Education*

Applying data mining tools to the large databases accumulated by state education agencies offers the possibility of discovering important patterns affecting K-12 education. This is particularly true in analyzing the results of high-stakes standardized tests. The Georgia Department of Education has merged student test scores from its statewide Criterion-Referenced Competency Tests administered in grades 4, 6 and 8 with (1) individual student characteristics from the Student Record database and (2) variables describing overall school/community attributes. These data have been extensively analyzed with various data mining algorithms in an attempt to identify those variables and patterns most affecting student test performance. This session will outline the patterns discovered as well as feature a demonstration of the data mining process.

Journal Notes From Our SEA to SEA Travels

Session IV-B   **Portsmouth Ballroom VII-VIII**

Glynn Ligon and Barbara Clements, *ESP Solutions Group*

A retrospective (serious and humorous) from over 100 visits to state education agencies offers commentary on issues facing states and ideas that are solving their problems. Observations aligned with the MIS Conference theme of Data Models and Data Standards will be the focus. Nagging issues related to cycle time and use of assessment results, automating state reporting, standards, confidentiality, federal reporting, data quality, best practices for data management, decision support systems, and other topics will be examined. States and the U.S. Department of Education have made tremendous progress with models, standards, and systems. Bringing everything together is the current challenge we will address. Audience participation encouraged.

Session Descriptions

A Demonstration of Web-Based High Stakes Testing in Virginia Using eMeasurement Services[TM]

Session IV-C   **Case Study Amphitheater**

Sarah Susbury and Ellen Kozlowski, *Virginia Department of Education*

Virginia's high stakes assessment program, the Virginia Standards of Learning, is now available to school divisions in a Web-based format of delivery. This presentation will include a demonstration of the online test delivery system being used by Virginia School personnel and Virginia high school students. Issues associated with implementing a statewide, high stakes online testing program will be discussed. Such issues include but are not limited to project management, test administration, test delivery, data management, technical requirements, training requirements, assessment requirements, test data, and content security.

PBDMI DSS Data Quality Analysis Results and Plans

Session IV-D   **Lee**

Jim Lair, *The Center for Data Quality*
Patrick Sherrill and Barbara Timm, *U.S. Department of Education*

This session will present the early results of the Performance-Based Data Management Initiative (PBDMI) database Data Quality analysis, performed by The Center for Data Quality under the U.S. Department of Education Data Quality and Standards contract. This will include a presentation of the methodology used, initial findings and recommendations.

In addition, a plan for follow-on data quality initiatives within the Department in support of the PBDMI initiative will be provided.

CCD Coordinator Session

Session IV-E   **Madison**

John Sietsema and Lee Hoffman, *National Center for Education Statistics*
Terri Kennerly, Julia Naum, Dell Gray, and Jane Thomas, *U.S. Census Bureau*

This session is for Common Core of Data (CCD) Coordinators and any other state education agency staff that work on the CCD submission. The 2003-04 CCD collection will be discussed. Issues will include any changes in procedures, tips for submissions, and a discussion of changes for future CCD years.

Session Descriptions

Beyond Theory: A State Reporting System Using SIF (Part I)

Session IV-F **Washington**

Gay Sherman and Aziz Elia, *Computer Power Solutions of Illinois*
Judith Barnett, *Central Susquehanna Intermediate Unit*

This workshop demonstrates a working model of how the Schools Interoperability Framework (SIF) standard can be used for state reporting. We will demonstrate how data can be extracted from student information systems in real time using SIF-Connect Suite. These data can be requested via a SIF manifest generator to be placed into a statewide data warehouse. Objects that are outside the current SIF standard can be added to the model quickly and easily so that the reporting process can be initiated using a single tool. This demonstration will also address using the SIF model to include data cleansing and ad hoc reporting via dynamic mapping.

Session Descriptions

CONCURRENT SESSION V
4:15 – 5:15

Statewide IT and PD Systems in Delaware: Supporting Data-Driven Instructional and School Improvement

Session V-A   **Portsmouth Ballroom I-III**

Tommy Tao and Theresa Kough, *Delaware Department of Education*
Dennis Loftus and Doug Archbald, *University of Delaware*

This presentation reports on statewide IT and training initiatives in Delaware supporting school and district improvement. We will demonstrate features of Delaware's unique statewide system for online analysis and reporting of student achievement and demographic data – a system supporting data-driven planning and evaluation at the school level. We will also describe a statewide professional development program – a partnership of Delaware's Department of Education, the University of Delaware's Academy for School Leadership, and public school districts. These initiatives have substantially improved teachers' and administrators' access to and use of data and helped Delaware's rise to the top tier of states on the recent National Assessment of Educational Progress.

Decision Support Systems: Essential Elements – Necessary Tools – Project Management Issues

Session V-B   **Portsmouth Ballroom VII-VIII**

Shara Bunis, *Accent on IT*
Nancy Smith, *N.J. Smith and Associates*

Through the exploration of planning and implementing a decision support system, this presentation will address technology management fundamentals and provide for a discussion about the main features/facets of the project and the elements necessary for achieving the project's purpose. Additionally, criteria for rating proposed IT projects will be presented. This is meant to be an interactive presentation in which participants will be encouraged to engage in the process.

Session Descriptions

Come Learn From Our Experience! Virginia's Ground Breaking Student Record Collection Initiative for NCLB

Session V-C   **Case Study Amphitheater**

Susan Williams, Mona Mallory, April Blunt, and Robyn Lacks, *Virginia Department of Education*

Members from the Data Administration Team will discuss the planning, preparation, and implementation of moving their data collections from separate division-level aggregated reports to student records submitted 3 times a year. Come learn about the whole lifecycle including issues and solutions; training the local data administrators; and generating the original aggregated reports. Bring your questions and concerns. Our training materials and other handouts will be available.

One-ED, PBDMI, and Transforming the Internal ED Information Management Organization

Session V-D   **Lee**

Stephen Fletcher, *U.S. Department of Education*

The One-ED Information Collection Process Review by the Office of the Chief Information Officer and the Organizational Transformation Tasks of the Performance-Based Data Management Initiative have produced some insights into known current status and desired future state of the information collection and use practices of the U.S. Department of Education and its program offices. This session will discuss the findings of these studies and project the future goals, objectives, and tasks to improve the Federal collection and use of education information.

The NCES Handbook Database: Making Sense of Data Elements, Entities, and Domains

Session V-E   **Madison**

Lee Hoffman, *National Center for Education Statistics*
Mary Anne Kirkland, *Council of Chief State School Officers*
Vicente Paredes, *ESP Solutions Group*

The new National Center for Education Statistics Online Nonfiscal Handbook Database allows users to search the former student, staff, and education systems handbooks (school, Local Education Agency, Intermediate Educational Unit, and State Education Agency) online. Users can query the database to find a definition for a specific term, or compile all of the data elements related to a specific topic. Workshop participants will learn the structure of the database and how to use the search tools to find the information they need.

Beyond Theory: A State Reporting System Using SIF (Part II)

Session V-F   **Washington**

See Session Description IV-F

Session Descriptions

CONCURRENT SESSION VI
10:00 – 11:00

CNMI Web Site Data System

Session VI-A   **Portsmouth Ballroom I-III**

William Matson, *CNMI Public School System*

The Commonwealth of the Northern Mariana Islands as a combined State Education Agency (SEA)/Local Education Agency (LEA) completed three task orders last year that built upon each other to assure student and financial data was part of the SEA/LEA web site which has transitioned into our own IP. After the task orders to the SEA/LEA had been issued we shifted our web site from being externally "hosted" by a private vendor to the SEA/LEA having our own IP and Internet address system. We were able to successfully adjust our task orders "in progress" to reflect the major shift in direction. The SEA/LEA web system now incorporates the reporting of student and financial data from each of our schools to our district office. It is expected that error detection and correction will be enhanced/expedited and more accurate student, staff, and financial data reporting will result.

Data: It's Not Just for Reporting Anymore!

Session VI-B   **Portsmouth Ballroom VII-VIII**

Pam Simmons-Whitley and Laura Coe, *Guilford County School District*
Ron Streeter, *eScholar*

Guilford County School District is in the third year of implementing the eScholar education data warehouse. So far, the district has loaded 12 years of assessment data as well as at least nine other domains of data in its warehouse. Using eScholar's Vista Advanced and Brio, Guilford is able to compare assessment results across years within the district, track assessment history for individual students, correlate assessment results with course grades, and conduct program evaluation based on program participation. Guilford is also using Vista Express to make data available to principals. In addition, Guilford has loaded student attendance and discipline infractions and response data. Much of these data are collected for required reporting. This session will include a demonstration of how the district is using the same data to drive decisions.

Session Descriptions

Virginia's Web-Based SOL Technology Initiative: A "Proof of Concept" Procurement

Session VI-C   **Case Study Amphitheater**

Sarah Susbury and Ellen Kozlowski, *Virginia Department of Education*

Using a "Proof of Concept" procurement method, Virginia successfully developed and executed a Request for Proposals that resulted in the selection of a single vendor to develop and implement an online test delivery system for the statewide high stakes assessment program. This presentation will address the procurement model used by Virginia to select an online test delivery vendor. Related strategies, timelines, milestones, procedures, and lessons learned will be presented along with examples of the specific benefits of this model of procurement for a large-scale project.

Creating a Network for Data: The Integration of the Quality School Portfolio (QSP) and the Performance-Based Data Management Initiative (PBDMI)

Session VI-D   **Lee**

Raymond Yeagley, *Rochester School Department*
Margaret Heritage, *National Center for Research on Evaluation, Standards and Student Testing, UCLA*

In the current context of the No Child Left Behind Act (NCLB) and accountability mandates, the need for accurate, timely and useful data is imperative for educators, policymakers and the public alike. This session will focus on the possible integration of the QSP and PBDMI to provide the kind of robust data that are needed at the district, state and federal levels of the education system as the basis for evaluation and decision making.

QSP, developed at the National Center for Research on Evaluation, Standards and Student Testing at University of California, Los Angeles, is a decision support tool designed to assist educators to collect and use data to improve student achievement. While first and foremost a tool for supporting school improvement, QSP has the potential to become an essential part of the education information system by serving as the baseline data engine feeding school and classroom level data into the information pipeline. Integrating QSP with PBDMI would provide education program evaluators at all levels of the system in the district with a network to capture student, classroom and school data and make them useful across all districts and states in the nation.

Session Descriptions

NCES-CCD-Build-a-Table Tool

Session VI-E **Madison**

Carl Schmitt and John Sietsema, *National Center for Education Statistics*
Joseph Collins, *Pinkerton Computer Consultants*

The National Center for Education Statistics has developed a tool to query all CCD data since 1995 on the web. The CCD data files (School, School District, School District Fiscal (F-33), State Fiscal, and State non-Fiscal) can all be accessed as part of an integrated relational database. Currently, data are available from 1995 through 2001. As each new year of data is released, it will be added, making possible the longitudinal analysis of schools, school districts, and state education agencies, metropolitan statistical areas, and counties.

This presentation will demonstrate some of the interesting kinds of information that can be obtained by using this Build-a-Table tool.

Implications of the SIF 1.5 Specification

Session VI-F **Washington**

Larry Fruth II, *Schools Interoperability Framework*
Vicente Paredes, *ESP Solutions Group*
Barbara Andrepont, *Consultant*

The release of the Schools Interoperability Framework (SIF) 1.5 specification will have immediate implications for vendors and educational agencies across the nation. Mostly relevant to local and state agencies will be the various components allowing for vertical reporting to fulfill mandated activities between locals/states and states/U.S. Department of Education.

Session Descriptions

CONCURRENT SESSION VII
11:15 – 12:15

NCLB Accountability and Statewide Data Collection and Analysis: One State's Success

Session VII-A   **Portsmouth Ballroom I-III**

Jolene Brakke, *South Dakota Department of Education*
Dan Foreman, *Infinite Campus*

In early 2002, South Dakota undertook a significant change in its approach to data collection and assessments, with the goal of 100 percent compliance with the No Child Left Behind Act. This presentation will discuss that journey, providing an overview of the development of the SimsNet system that is currently in production.

In under two years, South Dakota:

- Implemented a statewide student information system.
- Designed and implemented a state-level data collection, reporting and analysis system on budget.
- Achieved all NCLB reporting requirements on time.

Open Architecture XML Data Models and Accountability Solutions

Session VII-B   **Portsmouth Ballroom VII-VIII**

Thomas Vreeland, *OpenVES*
Paul O'Brien, *Southern Berkshire Regional School District*

In this session you will learn how multiple states are collaborating to use comprehensive, free, open architecture XML-based learner models and accountability solutions to transform classroom practice and to meet No Child Left Behind (NCLB) requirements cost effectively, and learn how your state or district can join them.

- DISCOVER the free, open architecture data models and NCLB accountability tools being used in multiple states.

- SEE examples of data-driven decision making tools as they are used in classrooms by teachers and students.

- LEARN how your state or district can join this non-profit collaboration.

Session Descriptions

Ensuring Integrity, Confidentiality, and Availability Through Web Technology

Session VII-C   **Case Study Amphitheater**

Will Caudle, *Virginia Department of Education*

The Virginia Department of Education captures and disseminates data in a secure web environment, ensuring minimal risk to confidentiality, integrity, and availability through web technology. This presentation will demonstrate how this has been done.

Vertical Reporting: Taking SIF to the Next Level

Session VII-D   **Lee**

Larry Fruth II, *Schools Interoperability Framework*
Shawn Bay and Ron Streeter, *eScholar*
Vicente Paredes, *ESP Solutions Group*

This session will update attendees on the recent developments in the Schools Interoperability Framework (SIF) related to Vertical Reporting, moving data from district to state to the U.S. Department of Education. SIF continues to address reporting issues such as No Child Left Behind, Performance-Based Data Management Initiative, and other issues related to the collection, transmittal, and reporting of education information. The new SIF specification will include XML definitions to handle assessment results information, official statistics including aggregate statistics, and other types of information.

The Common Core of Data (CCD): What It Is and Where You Can Find It

Session VII-E   **Madison**

John Sietsema, *National Center for Education Statistics*
Jennifer Sable, *Education Statistics Services Institute*

The CCD is an annual data collection from state education agencies that collects data on all public schools and districts. Come to this session if you are new to the CCD and want to learn what the data collection is, how it is collected, what data are included, and how you can access this wealth of information. Details of the history of the CCD, collection processes and the CCD web site will be covered.

Session Descriptions

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Session VII-F   **Washington**

Glynn Ligon, *ESP Solutions Group*
Steven King, *Wyoming Department of Education*
Judith Barnett, *Central Susquehanna Intermediate Unit*
John Metcalfe, *Fremont County School District #1*

Technical, logical, and physical models for Wyoming's Integrated Statewide Education Data System (WISE) are discussed from the perspectives of district technology managers, the design consultant, and the design contractor. Schools Interoperability Framework (SIF) zones will link school software across 12 information areas to meet local needs and state reporting requirements. Needs addressed, return on investment, management plans, legislation, development plans, and immediate and long-term implementation timelines are described. Our chart of SIF objects aligned with state reporting requirements will be discussed. The online survey and District Implementation Planner will be demonstrated. WISE represents the most comprehensive SIF strategy adopted by a state to date.

Session Descriptions

CONCURRENT SESSION VIII
1:30 – 2:30

Oregon's P-16 Integrated Student Data System (Part I)

Session VIII-A   **Portsmouth Ballroom I-III**

Doug Kosty, Gary Ellwanger, and Brian Reeder, *Oregon Department of Education*

No Child Left Behind has created opportunities for students but at the same time it imposes a hefty data burden for schools, districts, and state agencies. The challenges include issues of shear volume, expedited timelines, and higher public expectations. To respond to these challenges, Oregon has begun to develop new infrastructures to share student-level data among PreK-12 Schools, Community Colleges, and Universities. This presentation will outline the Oregon system components including the Database, Oregon's student-level Education Plan and Profile, the College Admission Placement Profile Pilot, and the Quality Education Model, all building toward a total system P-16 integration.

Putting the Data Together to Drive Change

Session VIII-B   **Portsmouth Ballroom VII-VIII**

Christine Caudullo, *National Center for Educational Accountability*

Identifying and sharing effective practices of schools that are sustained high performers is instrumental to improving education. The Just for the Kids Model used on the assessment data to identify high-performing schools of various states, as well as how nearly all 50 states can all use the same data model with different tests and populations, is the focus of the presentation. Examples of effective practices found across states will also be discussed.

The Technical Concepts and Requirements of Implementing a Web-Based, High Stakes State Assessment Program

Session VIII-C   **Case Study Amphitheater**

Sarah Susbury and Ellen Kozlowski, *Virginia Department of Education*

Virginia took on the challenge of implementing a Web-based, or online, high stakes state assessment program in July 2000. A legislatively mandated initiative, Virginia is on schedule to have all high schools capable of conducting online testing by Spring 2004 and will continue expanding the deployment of online testing to middle schools and then eventually elementary schools. The technical concepts and requirements of delivering Virginia's Standards of Learning tests via the Web will be presented, and a variety of tools and utilities used by Virginia school divisions to prepare for online testing will be discussed and demonstrated.

Session Descriptions

Discussion About Data Quality Analysis Activities in the States

Session VIII-D **Lee**

Jim Lair and Jeff Averick, *The Center for Data Quality*
Dennis Powell, *Illinois State Board of Education*
Tom Ogle, *Missouri Department of Elementary and Secondary Education*

The Center for Data Quality has begun implementation of a Data Quality initiative under the U.S. Department of Education Data Quality and Standards contract. The first steps have been to perform data quality analysis on data from several individual states. Representatives from The Center for Data Quality and two of the early participating states will present their findings and discuss plans for implementation of formal Data Quality programs in these states.

Census School District Special Tabulation (Part I)

Session VIII-E **Madison**

Tai Phan, *National Center for Education Statistics*
Joseph Collins, *Pinkerton Computer Consultants*
Douglas Geverdt, *U.S. Census Bureau*

Come see a live demonstration of how to access more than 100,000 pieces of demographic information on every school district in the country! See the information in tabular form, download the data and see it represented geographically via online dynamically generated maps. Let us show you how to leverage this data to build a more comprehensive view of the communities that make up your school districts, counties, and states.

Filling the Gap with Data-Using Data on a Daily Basis

Session VIII-F **Washington**

Leigh Burgess, *Lakota Local School District*

This presentation will detail how the 8th largest school district in Ohio achieved Excellent Status on the state report card as it consistently analyzes student, teacher, and district data to erase the achievement gap. The Lakota School District has seen increased reading scores, increased graduation rate and increased proficiency scores due to its ability to collect, analyze, and present its data to staff, parent, community, and students. Data-driven decisions abound in a growing and ever-changing suburban school district. Data are seen as a powerful guide to erasing the achievement gap within Lakota. This presentation will give concrete examples of the data used, analysis, and the indicators and measures of our success.

Session Descriptions

CONCURRENT SESSION IX
2:45 – 3:45

Oregon's P-16 Integrated Student Data System (Part II)

Session IX-A   **Portsmouth Ballroom I-III**

See Session Description VIII-A

National Rates, National Issues

Session IX-B   **Portsmouth Ballroom VII-VIII**

Bobby Franklin, *Louisiana Department of Education*

At the request of the National Center for Education Statistics (NCES), the National Institute for Statistical Standards has convened a panel of nationally recognized researchers and statisticians to make recommendations about what dropout and high school graduation rates the agency should produce. The panel's first meeting was spent in identifying national information needs and examining the rates NCES now produces. This session will discuss the potential capacity of state and local administrative record systems to provide dropout and graduation data that satisfy a range of policy and research needs, with attention to issues in standardizing data and assuring data quality.

Data Quality and Integrity

Session IX-C   **Case Study Amphitheater**

Brett Brickey, *Virginia Beach City Public Schools*

This is a review of the processes and automated validations developed by Virginia Beach City Public Schools to provide web-based student data edit and integrity reports to schools on a timely basis. The presentation covers not only the technology solutions, but managerial initiatives necessary to implement a culture of data quality accountability from superintendent to data entry clerk.

Session Descriptions

Proposed Data Elements for PBDMI Phase II State Site Visits

Session IX-D   **Lee**

Barbara Clements, *ESP Solutions Group*

The lessons learned from the Performance-Based Data Management Initiative (PBDMI) Phase I have been used to edit and improve the Phase I elements. Phase II data elements for PBDMI will expand to finance, grants, and more special programs. Elements, definitions, code sets, and formats will be discussed in preparation for state site visits.

Census School District Special Tabulation (Part II)

Session IX-E   **Madison**

See Session Description VIII-E

Managing Assessment Data to Improve Teacher Effectiveness
and to Document Student Achievement

Session IX-F   **Washington**

Nancy Staub and Tom McCurdy, *Pinckney Community Schools*

Presenters will discuss how to implement a district-wide assessment and curriculum management system and how it has evolved into an enterprise planning tool for teachers and administrators. Data-driven decisions are now easy to make in the classroom, for school improvement work, and for district-level planning. The presenters will also share their experiences in using this system to document student progress when the state's data management system failed to provide critical Adequate Yearly Progress information for compliance with No Child Left Behind legislation.

Session Descriptions

CONCURRENT SESSION X
4:00 – 5:00

New York State Web-Based Data Collection

Session X-A   **Portsmouth Ballroom I-III**

Ronald Danforth and James Harrison, *New York State Education Department*

In November 1998, the New York State Education Department (NYSED) was awarded a Special Task Order for a technology development project that would create and implement a web-based application intended to eliminate over 7,000 paper forms. A web-based application has been developed and is now available to all schools. This presentation will provide an overview of the system's development and functionality. There will be discussion of the human and technical problems encountered along the way. Discussion will include an overview of systems development that has taken place in New York City public schools and that complements the NYSED web application.

Every Student Counts – Do They Have an Account? Automated Account Management Using SIF

Session X-B   **Portsmouth Ballroom VII-VIII**

Gay Sherman and Aziz Elia, *Computer Power Solutions of Illinois*
Ralph Starr, *School District of Indian River County*

Does your technology office have the ability to send an e-mail message to all principals in a particular district? Is it accurate? How about students or parents? School districts are using the Schools Interoperability Framework standard to generate network and e-mail accounts today. See how these tools help districts manage resources effectively and accurately.

Bureaucracy Vs. The Paper-Less School District: Providing Stakeholder Services on Your Intranet

Session X-C   **Case Study Amphitheater**

John Littlefield, *Suffolk Public Schools*

Not quite ready to abandon your paper-based administration, but curious about trying something new with your intranet? You too can leverage your IT infrastructure while expanding the quality and range of services for your school district. In this session we will present Suffolk Online Form Administrator (SOFA), our intranet-based stakeholder services web-application. We will demonstrate its various applications, such as how teachers manage student grades and attendance, staff members schedule administrative hearings and check on daily bus-schedules, or students request courses…all with the click of a mouse. Drop in to hear the successes and failures of our school district's integration of a paper-based bureaucracy with our intranet users.

Session Descriptions

Data Availability and Other Data Issues in PBDMI Phase II

Session X-D **Lee**

Glynn Ligon, *ESP Solutions Group*

The Performance-Based Data Management Initiative (PBDMI) Phase I began the documentation of source data and their mapping into PBDMI for loading into Education Data Exchange Network (EDEN). For PBDMI Phase II, expanded content will need to be mapped with the insights gained from the issues resolved in Phase I. This session provides an open discussion of data issues for PBDMI and EDEN.

The International Classification of Functioning and Development of an Early Intervention Data Handbook

Session X-E **Madison**

Scott Campbell Brown, *U.S. Department of Education*

This paper discusses the conceptual framework for incorporating the World Health Organization's International Classification of Functioning, Disability, and Health (ICF) into data handbooks, using an Office of Special Education Programs Early Intervention Data Handbook as a case study. The ICF offers a potential taxonomy for the data handbooks by focusing on the role of functioning in growth and development, rather than on a child's disability category. Through its emphasis on child functioning, as opposed to categorical labels, the ICF could improve the ways in which programs are designed, implemented and evaluated – both in special education and in regular education.

Determining the Elementary School Teacher-of-Record: The Process and Benefits of NCLB Reporting

Session X-F **Washington**

Bruce Hislop, *Howard County Public Schools*
Eugene Adcock, Len Winkler, Dale Wilkerson, Eric Griffith, and Lisa Henderson, *Prince George's County Public Schools*

Identifying, managing and evaluating teacher placements is perhaps the greatest benefit of the No Child Left Behind Highly Qualified Teacher requirement. However, gathering accurate teacher-student-class data is extremely difficult, especially at the elementary level. This paper presents a large school district's schedule survey system and data verification procedures for identifying the teacher-of-record for all core academic classes. The benefits of these data in revealing school teaching capacity are explored through different layers of "drill down" analysis.
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Session Descriptions

CONCURRENT SESSION XI
8:30 – 9:30

Data for Student Improvement OR Data for Accountability? New York's Plan To Do Both! (Part I)

Session XI-A   **Portsmouth Ballroom I-III**

Thomas Ruller, *New York State Education Department*
Peter Rooney, *New York State Regional Information Centers*
Jenine Wech, *Wayne-Finger Lakes BOCES*
Jenifer Gilson, *Erie 1 BOCES*

The New York State BOCES Regional Information Service Centers set out to create a system of data warehouses that would support the use of data to improve instructional outcomes for students. The New York State Education Department set out to create a data collection system that would comply with the No Child Left Behind accountability provisions.

These two projects have come together to create a plan.

SIF: Supporting Multiple Zones and ZIS-to-ZIS Communications for Vertical Reporting

Session XI-B   **Portsmouth Ballroom VII-VIII**

David Frankson and Charlie Kratsch, *Infinite Campus*
Jolene Brakke, *South Dakota Department of Education*

This presentation will show how Infinite Campus has implemented the Schools Interoperability Framework (SIF) 1.1 specification to support multiple zones in a state or region and ZIS-to-ZIS communications in a secure and reliable manner. Implementation of the SIF specification in this way allows for easy vertical reporting, district-to-district record transfer, and postsecondary transcript transmission.

Session Descriptions

SOL Online Part I: Building a Standardized Online Testing System for Your Schools

Session XI-C   **Case Study Amphitheater**

Christopher Baugh, *Suffolk Public Schools*

Meet SOLO (Standards of Learning Online), a locally-developed assessment system inspired by the state's SOL initiative and integrated with our K-12 instructional programs. In this session we will demonstrate our district-standardized online testing program used to monitor student performance, report student achievement, and, most importantly, to guide remediation initiatives. We will also discuss the decision making and development process that led us to develop our custom-built testing application. Whether you're a technology integrator curious about how district-developed online testing works or a school administrator who would like to develop SOL-based assessment programs for your own division, we invite you to visit both of our SOLO sessions.

Lessons Learned in the DSS Pilot Test

Session XI-D   **Lee**

Dennis Powell, *Illinois State Board of Education*
Bob Beecham, *Nebraska Department of Education*
Lee Tack, *Iowa Department of Education*
David Hanzlik, *Virginia Department of Education*

The leadership of the National Forum on Education Statistics and the Education Information Advisory Committee of the Council of Chief School Officers have been active participants in the Performance-Based Data Management Initiative. These state leaders will present their individual and shared perspectives on the many developments of 2003 and their expectations and hopes for 2004.

District Wide Instruction Management System Solution

Session XI-E   **Washington**

Vincent DeTolla, *School District of Philadelphia*

The School District of Philadelphia will discuss its strategic vision towards an education technology initiative to enhance student achievement. The district is currently in the process of instituting a District Wide Instruction Management System Solution. Presenters will also discuss the formal needs assessment that took place in order to set up its system. Topics that will be addressed include district technology infrastructure, district intra-departmental communications, standards-based curriculum, and district and school-based change management.

Session Descriptions

CONCURRENT SESSION XII
9:45 – 10:45

Data for Student Improvement OR Data for Accountability? New York's Plan To Do Both! (Part II)

Session XII-A   **Portsmouth Ballroom I-III**

See Session Description XI-A

SIF: Vertical Integration From District to State

Session XII-B   **Portsmouth Ballroom VII-VIII**

John Jackson, *Delaware Department of Education*
Mark Ward, *Computer Power Solutions of Illinois*
Kevin Pierce, *PCS Revenue Control Systems*
Wendy Riedy, *Sungard Pentamation*

Using Schools Interoperability Framework (SIF) to roll individual student data up to state databases for reporting purposes requires a different approach than synchronizing student data between disparate vendor databases within a district. Issues include different RefIDs and user defined fields. For example, many of the data elements required by No Child Left Behind are not currently native to Student Information Systems and are collected using user defined fields.

Data Warehousing, Making a Difference in Improving Schools

Session XII-C   **Case Study Amphitheater**

William Flaherty, *Hanover County Public Schools*
Sarah Susbury, *Virginia Department of Education*

Gathering and analyzing information from a variety of sources has always been a difficult task. In today's world of increasing accountability, it is becoming ever more important for school districts to make the best uses of their limited resources. Data warehousing can help you sift through mountains of information and see things in ways that make sense. Come and see how one district employs this powerful technology to get answers and readily provide information to administrators across a 19-school district.

Session Descriptions

PBDMI 2004 Schedule — Discussion and Feedback (Part I)

Session XII-D **Lee**

Patrick Sherrill, *U.S. Department of Education*

This session will provide an opportunity to review in some detail the planned activities for 2004 including a schedule for state site visits and the submission of the Performance-Based Data Management Initiative (PBDMI) Phase II data on the 2003-2004 school year. There will be an opportunity for MIS audience participation and suggestions in the development of these milestones and objectives.

Data Architecture to Support Learner–Centered Decisions and School Reform

Session XII-E **Madison**

Joe Simpson, *Council of Chief State School Officers*
John Phillipo, *CELT Corporation*
Dale Mann, *Interactive*

States need a comprehensive data architecture to insure that they are responding to Federal requirements and to unique state-level demands to collect, analyze, and report data about achievement, finance, personnel, and curriculum. Clashing and incomplete data, legacy hardware and software systems, data silos and fiefdoms all need to be coordinated, systematized, and improved. The Council of Chief State School Officers, with CELT Corporation, has developed a multi-state consortium to analyze state-specific data architecture needs in the first of a planned three-phase activity. This session will report the early cost, policy, and school results of that initiative.

Designing a Data Warehousing System

Session XII-F **Washington**

Elbert Yaworsky, *Pittsburgh Public Schools*

The Chief Technology Officer of Pittsburgh Public Schools (PPS), Elbert Yaworsky, will discuss what he found necessary to create the infrastructure for a real-time information reporting system. PPS recently implemented a data warehouse solution and is now providing tools for teachers and administrators to analyze student performance and plan instruction to meet the challenges of the No Child Left Behind Act using applications developed by SchoolNet, Inc.

Session Descriptions

CONCURRENT SESSION XIII
11:00 – 12:00

1, 2, 3, 4…Wisconsin Counts Every Student – A Comprehensive Pupil Count Application

Session XIII-A   **Portsmouth Ballroom I-III**

Donna Carlson, *Wisconsin Department of Public Instruction*

1, 2, 3, 4…Wisconsin's School Financial Services Team Counts Every Student – A Comprehensive Pupil Count Application.

Every pupil generates an amount of aid and revenue limit authority in the State of Wisconsin. How does Wisconsin assure that every student is counted accurately, especially when many Wisconsin students choose learning options outside their district of residence? This presentation will give you an inside look at the School Financial Services Team's new PI 1563, Pupil Count Report Wizard. The pupil count wizard is an ASP Internet application that takes Wisconsin school districts step by step through a process to accurately count and report students for aid and revenue limit purposes.

SOL Online Part II: Work Smart, Not Hard…Accountability, Decision Making, and Online Recordkeeping

Session XIII-B   **Case Study Amphitheater**

Christopher Baugh, *Suffolk Public Schools*

Does increased instructional accountability lead to increased instructor workload? In this session we will demonstrate our district-standardized testing program, designed to reduce workload while improving accountability. The presentation will focus on the Standards of Learning Online (SOLO) system, a locally-developed assessment system inspired by the state's SOL initiative and integrated with our K-12 instructional programs. It uses both paper-based and online testing to monitor student performance, report student achievement, and provide data for instructional modification and administrative decision making. We will also present our lessons-learned throughout two years of integrating this system into the district's existing accountability and assessment programs.

PBDMI 2004 Schedule — Discussion and Feedback (Part II)

Session XIII-C   **Lee**

See Session Description XII-D

Session Descriptions

Indicators, Formats, and Methods Oh My! A Look at the Evolution of 50-State Reporting

Session XIII-D   **Madison**

Andra Williams and Tara McLarnon, *Council of Chief State School Officers*

For more than a decade, the Council of Chief State School Officers has collected data and published 50-state indicators publications. This presentation will examine the evolution of 50-state reporting, including indicators, formatting, and data collection methods, with special focus on the Annual Survey of State Student Assessment Programs, Key State Education Policies on PK-12 Education, State Education Indicators with a Focus on Title I, Accountability Profiles On-Line, and Profiles of State Education Systems for Use with the National Assessment of Educational Progress.

Demonstration Descriptions

Data Quality Analysis and Monitoring Using C4DQ Certify

Jim Lair, Jeff Averick, Dick Paar, *The Center for Data Quality*

C4DQ Certify is a web-based Data Quality Analysis tool that is currently being installed in ten participating State Education Agencies under the U.S. Department of Education Data Quality and Standards contract. On Thursday, February 26, 1:30 – 2:30 in the Lee Room, a panel that includes two of the early participants in the program, Illinois and Missouri will present a "Discussion About Data Quality Analysis Activities in the States" to discuss how C4DQ Certify is being implemented in their states.

Tools for Grant Management Automation

Dan Carier, Brent Morgan, and Maribeth Sturgeon, *The Innovation Group/MTW*
Scott Norton and Dennis Powell, *Illinois State Board of Education*

Supporting the workshop being conducted with the Illinois State Board of Education (ISBE), The Innovation Group/MTW staff will demonstrate the powerful automation tools of the ISBE electronic Grant Management System (eGMS). This system combines the strengths of form design and workflow management with a robust database that is responsive to the reporting needs of the state. A featured tool of the eGMS is the Grant Designer, which allows program-oriented staff to quickly design and publish Grant Programs applications to the web with
minimal involvement from IT staff.

SyncForm®: Synchronized Handheld and Web-based Data Collection and Management Tool for Educators

Dong-Hoon Lee and George Dacosta, *Systemic Research*

Systemic Research has developed *SyncForm®*, which allows users to perform data entry and maintenance using PDAs (PALM OS based) and web browsers. Field data collected on the PDA can be synchronized with the Master Database Server over the internet and be immediately available for data managers to access for reporting and analysis.

Three prototype modules have been developed as an example of the capability of *SyncForm®.*: Teacher Activity Log, Professional Development Observation, and Classroom Observation.

SyncForm® provides a foundation for school data management on a real-time basis. The software may be used simultaneously by multiple users in geographically dispersed locations.

Demonstration Descriptions

eScholar: Complete Data Warehouse Solution for K-12 Education in LEAs and SEAs

Shawn Bay, Wolf Boehme, and Ron Streeter, *eScholar*
Shara Bunis, *Accent on IT*

eScholar, is the leading complete data warehouse data warehouse for K-12 education, now licensed by over 800 school districts in 9 states.

eScholar provides the basis for a robust decision support system and includes all the tools and procedures necessary to standardize and cleanse data resulting in a powerful and flexible data warehouse. It provides the ability to integrate 32 categories (domains) of data including student demographics and attributes, attendance, standardized test results, discipline infractions, staff demographics and attributes, professional development, finance, transportation and special education. Once in the data warehouse, these data can be accessed through our own reporting tools, Vista Express and Vista Advance, or through third party tools such as SPSS, Cognos, Brio, SchoolNet, and EdSmart.

Stop by our table and find out how eScholar products can help your district or state meet all the reporting requirements of the No Child Left Behind Act (HR 1):

- eScholar NOW – the fastest way to longitudinal assessment analysis
- eScholar Complete Data Warehouse
- eScholar Uniq-ID System – a unique student identifier and locator system

If you would like to learn more about what education data warehousing is, what it can do for you, and how you can get started, be sure to ask about our Data Warehouse Readiness Workshop.

Mining and Analysis of K-12 Student Data

David Szetela, *Confluent Technologies*

One of the biggest challenges facing K-12 administrators is sorting through mountains of data to support fast, data-informed decision-making. This session will describe and demonstrate Confluent Technologies' data warehousing and data mining tools, designed to be easy enough for non-technical users to access multi-year student data without time-consuming training.

State Reporting SIF Demonstration

Gay Sherman and Aziz Elia, *Computer Power Solutions of Illinois*

This demonstration shows how SIF-Connect Suite tools can be used to request data in real time from various software applications for the purpose of state reporting.

Demonstration Descriptions

State Collaboration is Transforming PK-12 Teaching and Learning – One Classroom at a Time!

Paul O'Brien, *Southern Berkshire Regional School District*
Thomas Vreeland, *OpenVES*

We will show end-to-end, bottom-to-top accountability and No Child Left Behind reporting tools that START by transforming classroom practice. We will show what it looks like when teachers and students have access to data-driven decision making-tools in their classrooms. We will show the value added by online competency and achievement profiles, digital portfolios, individualized learning plans, criterion referenced item banks, and online classroom assessment tools for teachers.

OpenVES is a non-profit collaboration between states to share resources and strategies. OpenVES acts as a catalyst to bring state education leaders together in new public-private partnerships. OpenVES helps develop and document technology standards, builds reference implementations, and delivers standards-driven web-based solutions. OpenVES provides states with open architecture solutions, eLearning tools, resources, and applications, and an affordable way to get started. States have responded enthusiastically.

No Data Left Behind

Lisabeth Laprairie, *Beyond 20/20*

Professionals who work with education statistics from schools, districts and states must deal with an abundance of No Child Left Behind (NCLB) data and somehow turn this data into knowledge. Yet they also deal with budget, staffing or technical issues associated with disparate applications and systems. Regardless of these underlying challenges, stakeholders such as administrators, superintendents, principals, legislators, teachers and parents require a means of ascertaining performance by school, district, and state levels.

Beyond 20/20's No Data Left Behind is the result of a solution that is proven, has a low cost of ownership, and is easy to use for the dissemination of NCLB annual progress reports as well as school, district, and state report cards.

To learn more, visit our demonstration table at MIS 2004 or go to
www.beyond2020.com/solutions/NCLB.html

Demonstration Descriptions

David Frankson, *Infinite Campus*
Jolene Brakke, *South Dakota Department of Education*

This demonstration will provide an overview of the Infinite Campus. We will showcase two proven solutions available and in production today:

- Infinite Campus – State Edition: A 100% web-based state education information system with a single state-wide multi-year database. The application handles all of the typical aggregation and reporting of the student detail data for internal state processes and all the federal No Child Left Behind requirements. Additional features include Data Warehousing, OLAP Analysis and state-wide Special Ed document management.

- Infinite Campus – District Edition: A 100% web-based Education Process Management (EPM) application with a single district-wide multi-year database. Features include everything contained in a traditional Student Information System (SIS) plus Curriculum Management, Special Ed, Parent Portal, Data Warehouse, Data OLAP Analysis and SIF Agent/ZIS.

ESP Solutions Group

Glynn Ligon, Barbara Clements, and Mark Johnson, *ESP Solutions Group*

ESP Solutions Group is a key partner in the U.S. Department of Education's Performance-Based Data Management Initiative (PBDMI). In summer 2003, representatives from ESP visited all 52 state education agencies to share and gather information critical to the project's success. During the fall of 2003, ESP assisted several states with their required data submissions. Attend one of ESP's presentations or stop by our table in the demonstration area to learn more about the future of the PBDMI project and how your state's 2004 data submission process can be completed cheaper, faster, and easier.

SchoolNet

Alvin Crawford, *SchoolNet*

SchoolNet, Inc. is the leading provider of data-driven decision-making solutions for K-12 school districts. SchoolNet partners with districts to increase student achievement and to meet Federal, state and local accountability pressures, including the No Child Left Behind Act. SchoolNet helps districts analyze data, organize curriculum, track instruction, measure performance, and report results. Districts utilize data to make informed managerial and instructional decisions at all levels. SchoolNet's robust technology suite integrates data warehousing, decision support, instructional management, and a secure web portal and is supported by consulting services and professional development. SchoolNet's award-winning products and services are used by districts across the country.